

**In the Specification**

Please delete the paragraph beginning at page 2, line 9 and replace it with the following:

--Surprisingly, it has been found that cultured human trabecular meshwork cell lines derived from glaucomatous donors express mRNA for both an alternate splice form of the human glucocorticoid receptor (GR $\beta$ ) (SEQ ID NO:1), as well as the normal glucocorticoid receptor (GR $\alpha$ ) (SEQ ID NO:3), whereas normal TM cell lines only express mRNA for GR $\alpha$ . It is believed that the elevated intraocular pressure associated with primary open-angle glaucoma may be due to the aberrant expression of GR $\beta$  (SEQ ID NO:2) in the trabecular meshwork. Therefore, determining that an individual abnormally expresses GR $\beta$  in their trabecular meshwork or other tissues can lead to a diagnosis of glaucoma. Also, this discovery can be used to determine whether agents have therapeutic value in treating glaucoma by determining whether they interact with GR $\beta$  (SEQ ID NO:1) or alter the expression of GR $\beta$  (SEQ ID NO:2). This can be done using ligand binding assays or GR $\beta$  functional assays.--

**In the Claims**

Please cancel claims 3 and 4.

1. (twice amended) A method for diagnosing glaucoma in a person, said method comprising the steps:

- (a) obtaining a biological sample from said person; and
- (b) analyzing said sample for expression of SEQ ID NO:2;